

ABSTRACT

In an electrophoretic display apparatus, a surface of charged particle, the dispersion medium, and a surface of an inner wall on which charged particles are to be deposited satisfy any one of the following (A) to (D): (A) the charged particle surface is hydrophilic, the dispersion medium is hydrophobic or is hydrophobic and lipophobic, and the inner wall surface is hydrophilic; (B) the charged particle surface is hydrophobic, the dispersion medium is hydrophilic or is hydrophobic and lipophobic, and the inner wall surface is hydrophobic; (C) the charged particle surface is hydrophobic and lipophobic, the dispersion medium is hydrophobic or hydrophilic, and the inner wall surface is hydrophobic, with the proviso that when the dispersion medium is hydrophobic, a difference in hydrophobicity between the dispersion medium and the charged particle surface is larger than a difference in hydrophobicity between the inner wall surface and the charged particle surface; and (D) the charged particle surface is hydrophobic and lipophobic, the dispersion medium is hydrophobic or hydrophilic, and the inner wall surface is hydrophobic and lipophobic.